

## CLAIMS

What is claimed is:

- 1 1. A method for automatically entering information into form fields  
2 comprising the steps of:  
3       invoking a application program in response to an indication from a user of  
4 a mobile device to do so;  
5       scanning content transmitted from the application program to the mobile  
6 device to find a form having at least one field into which information is to  
7 entered;  
8       retrieving and entering information to enter into the at least one field, if at  
9 least one mapping for the form exists; and  
10       transmitting the form including the entered information to the mobile  
11 device for display to the user.

- 1 2. The method of claim 1, further comprising the steps of:  
2       receiving at least one edit made by the user of the mobile device of the  
3 entered information; and  
4       transmitting the form including the edited entered information to the  
5 application program.

1 3. The method of claim 2, wherein the mapping for the form comprises  
2 information mapping at least one field of the form into which information is to be  
3 entered to stored information.

1 4. The method of claim 3, further comprising the step of:  
2 creating information mapping at least one field of the form into which  
3 information is to be entered to stored information based on the received selection  
4 of information made by the user, if no mapping existed for the at least one field.

1 5. The method of claim 4, further comprising the step of:  
2 updating information mapping at least one field of the form into which  
3 information is to be entered to stored information based on the received selection  
4 of information made by the user, if the entered information was edited by the  
5 user.

1 6. The method of claim 3, further comprising the steps of:  
2 transmitting the form to the mobile device, if no mappings for the form  
3 exist;  
4 receiving at least one selection of information to be entered into the at  
5 least one field of the form into which information is to be entered made by the  
6 user of the mobile device; and

7 transmitting the form including the selected information to the application  
8 program.

1 7. The method of claim 6, further comprising the step of:  
2 creating information mapping at least one field of the form into which  
3 information is to be entered to stored information based on the received selection  
4 of information made by the user.

1 8. The method of claim 1, further comprising the steps of:  
2 transmitting the form to the mobile device, if no mappings for the form  
3 exist;  
4 receiving at least one selection of information to be entered into the at  
5 least one field of the form into which information is to be entered made by the  
6 user of the mobile device; and  
7 transmitting the form including the selected information to the application  
8 program.

1 9. The method of claim 8, further comprising the step of:  
2 creating information mapping at least one field of the form into which  
3 information is to be entered to stored information based on the received selection  
4 of information made by the user.

1 10. A system for automatically entering information into form fields  
2 comprising:  
3 a processor operable to execute computer program instructions; and  
4 a memory operable to store computer program instructions executable  
5 by the processor, for performing the steps of:  
6 invoking an application program in response to an indication from a user  
7 of a mobile device to do so;  
8 scanning content transmitted from the application program to the mobile  
9 device to find a form having at least one field into which information is to  
10 entered;  
11 retrieving and entering information to enter into the at least one field, if at  
12 least one mapping for the form exists; and  
13 transmitting the form including the entered information to the mobile  
14 device for display to the user.

1 11. The system of claim 10, further comprising the steps of:  
2 receiving at least one edit made by the user of the mobile device of the  
3 entered information; and  
4 transmitting the form including the edited entered information to the  
5 application program.

1 12. The system of claim 11, wherein the mapping for the form comprises  
2 information mapping at least one field of the form into which information is to be  
3 entered to stored information.

1 13. The system of claim 12, further comprising the step of:  
2 creating information mapping at least one field of the form into which  
3 information is to be entered to stored information based on the received selection  
4 of information made by the user, if no mapping existed for the at least one field.

1 14. The system of claim 13, further comprising the step of:  
2 updating information mapping at least one field of the form into which  
3 information is to be entered to stored information based on the received selection  
4 of information made by the user, if the entered information was edited by the  
5 user.

1 15. The system of claim 12, further comprising the steps of:  
2 transmitting the form to the mobile device, if no mappings for the form  
3 exist;

4 receiving at least one selection of information to be entered into the at  
5 least one field of the form into which information is to be entered made by the  
6 user of the mobile device; and  
7 transmitting the form including the selected information to the application  
8 program.

1 16. The system of claim 15, further comprising the step of:  
2 creating information mapping at least one field of the form into which  
3 information is to be entered to stored information based on the received selection  
4 of information made by the user.

1 17. The system of claim 10, further comprising the steps of:  
2 transmitting the form to the mobile device, if no mappings for the form  
3 exist;  
4 receiving at least one selection of information to be entered into the at  
5 least one field of the form into which information is to be entered made by the  
6 user of the mobile device; and  
7 transmitting the form including the selected information to the application  
8 program.

1 18. The system of claim 17, further comprising the step of:

2           creating information mapping at least one field of the form into which  
3   information is to be entered to stored information based on the received selection  
4   of information made by the user.

1   19.   A computer program product for automatically entering information into  
2   form fields comprising:

3           a computer readable medium;

4           computer program instructions, recorded on the computer readable  
5   medium, executable by a processor, for performing the steps of

6           invoking a application program in response to an indication from a user of  
7   a mobile device to do so;

8           scanning content transmitted from the application program to the mobile  
9   device to find a form having at least one field into which information is to  
10   entered;

11          retrieving and entering information to enter into the at least one field, if at  
12   least one mapping for the form exists; and

13          transmitting the form including the entered information to the mobile  
14   device for display to the user.

1   20.   The computer program product of claim 19, further comprising the steps  
2   of:

3 receiving at least one edit made by the user of the mobile device of the  
4 entered information; and  
5 transmitting the form including the edited entered information to the  
6 application program.

1 21. The computer program product of claim 20, wherein the mapping for the  
2 form comprises information mapping at least one field of the form into which  
3 information is to be entered to stored information.

1 22. The computer program product of claim 21, further comprising the step  
2 of:  
3 creating information mapping at least one field of the form into which  
4 information is to be entered to stored information based on the received selection  
5 of information made by the user, if no mapping existed for the at least one field.

1 23. The computer program product of claim 22, further comprising the step  
2 of:  
3 updating information mapping at least one field of the form into which  
4 information is to be entered to stored information based on the received selection  
5 of information made by the user, if the entered information was edited by the  
6 user.



1 24. The computer program product of claim 21, further comprising the steps  
2 of:

3 transmitting the form to the mobile device, if no mappings for the form  
4 exist;

5 receiving at least one selection of information to be entered into the at  
6 least one field of the form into which information is to be entered made by the  
7 user of the mobile device; and

8 transmitting the form including the selected information to the application  
9 program.

1 25. The computer program product of claim 24, further comprising the step  
2 of:

3 creating information mapping at least one field of the form into which  
4 information is to be entered to stored information based on the received selection  
5 of information made by the user.

1 26. The computer program product of claim 19, further comprising the steps  
2 of:

3 transmitting the form to the mobile device, if no mappings for the form  
4 exist;

5 receiving at least one selection of information to be entered into the at  
6 least one field of the form into which information is to be entered made by the  
7 user of the mobile device; and  
8 transmitting the form including the selected information to the application  
9 program.

1 27. The computer program product of claim 26, further comprising the step  
2 of:

3 creating information mapping at least one field of the form into which  
4 information is to be entered to stored information based on the received selection  
5 of information made by the user.